

This technical drawing shows a cross-sectional view of a mechanical assembly. The assembly is mounted on a base (1) and includes a central shaft (11) with a handle (11a) at the top. The shaft passes through a series of components: a top housing (4), a middle housing (5), and a bottom housing (6). A spring (9) is located within the middle housing, and a piston or plunger (10) is positioned at the bottom of the middle housing. The assembly is surrounded by a fluid medium (12). A cross-section line A-A is indicated at the top of the shaft. Other components labeled include 1, 2, 3, 3a, 7, 8, 9a, 9b, and 13.



Technical drawing of a mechanical assembly in cross-section. The assembly features a central shaft (11) with a top cap (11a) and a bottom flange (2). The shaft passes through a central block (3) which is held in place by a nut (4) and a spring (9). The block (3) is surrounded by a housing (7) with a central opening (13). The bottom flange (2) is secured by a nut (6) and a spring (10). The entire assembly is mounted on a base (12). Various components are labeled with numbers: 1, 2, 3, 4, 6, 7, 8, 9, 9a, 9b, 10, 11, 11a, 12, 13.